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FIG.1

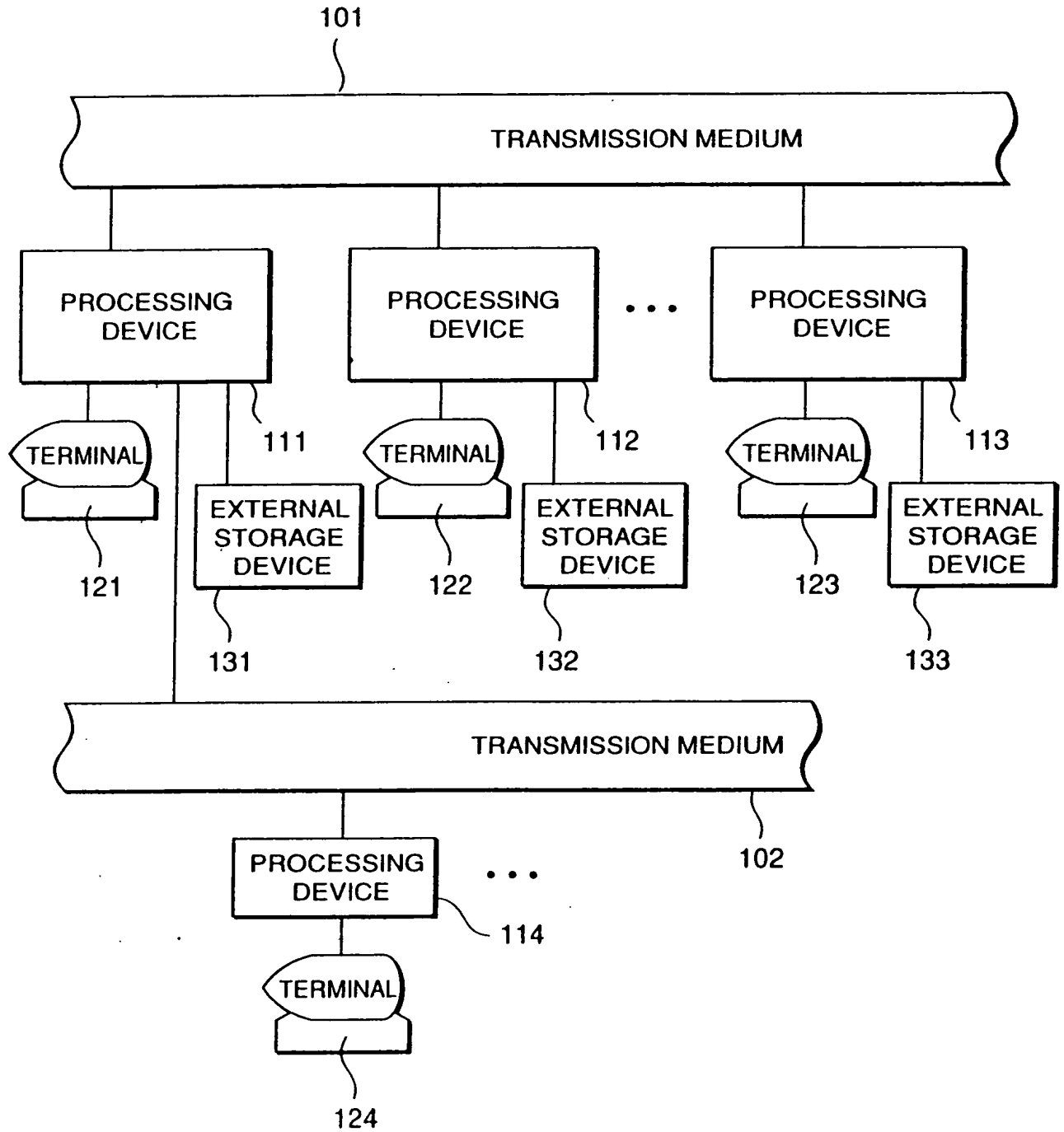


FIG.2

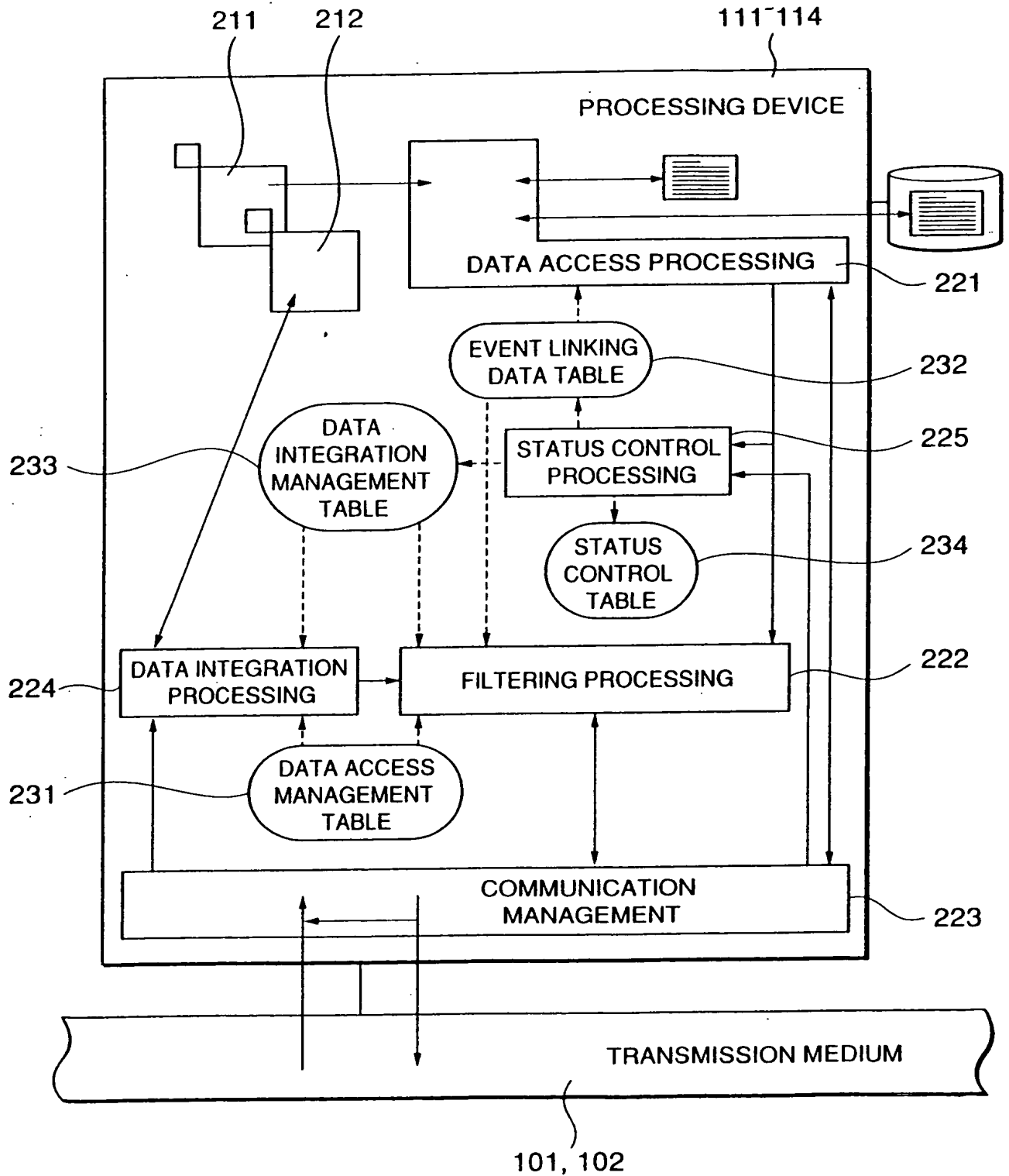
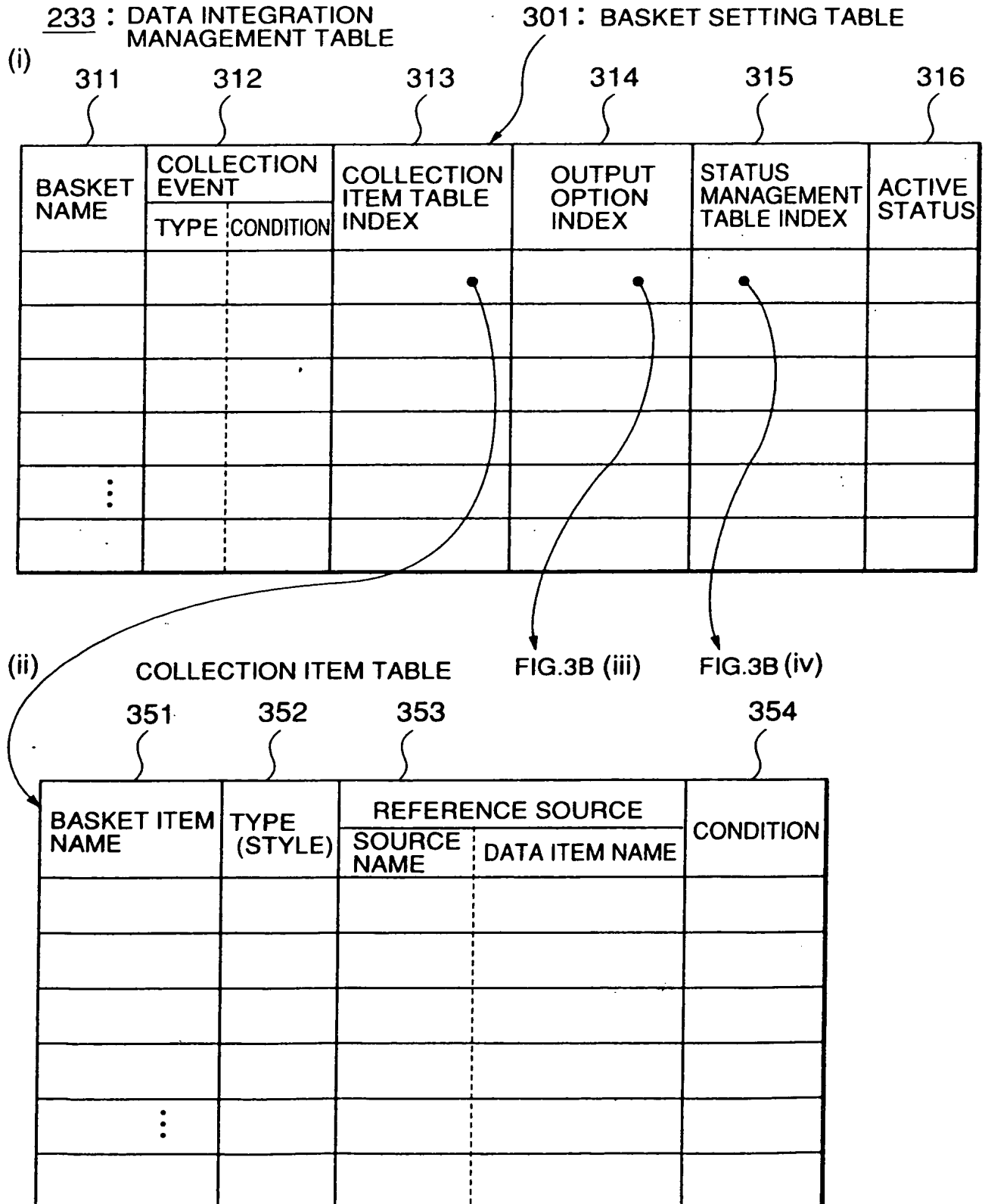


FIG.3A





## FIG.3B

## (iii) OUTPUT OPTION

372 {	373 {	374 {	375 {
TIME-OUT	DATA RECEPTION/ DELIVERY METHOD	AND/OR JUDGMENT	DATA REQUEST SIDE

## (iv) STATUS MANAGEMENT TABLE

391 {	392 {	393 {	394 {
EVENT IDENTIFIER	BUFFER INDEX	FIRST EVENT ARRIVAL TIME	COLLECTION JUDGMENT MAP
⋮			







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FIG.6A

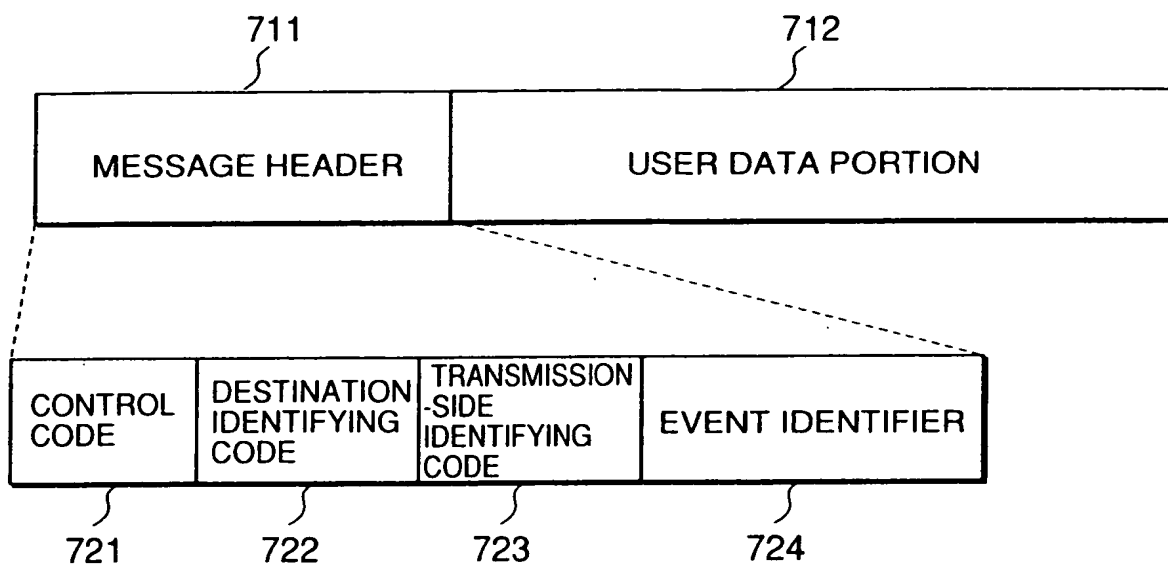


FIG.6B

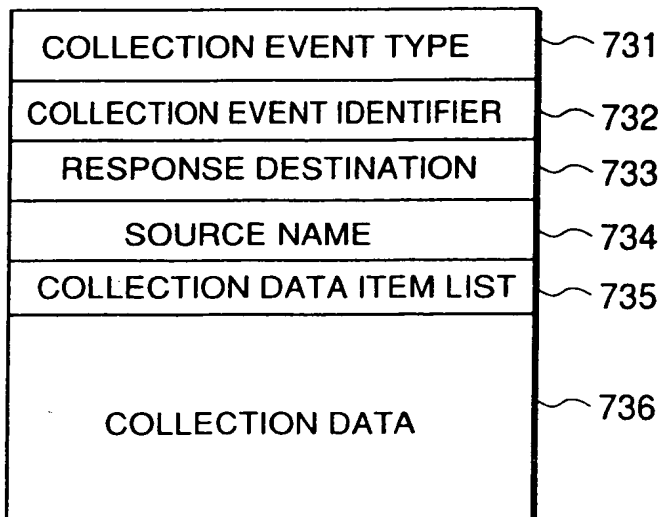
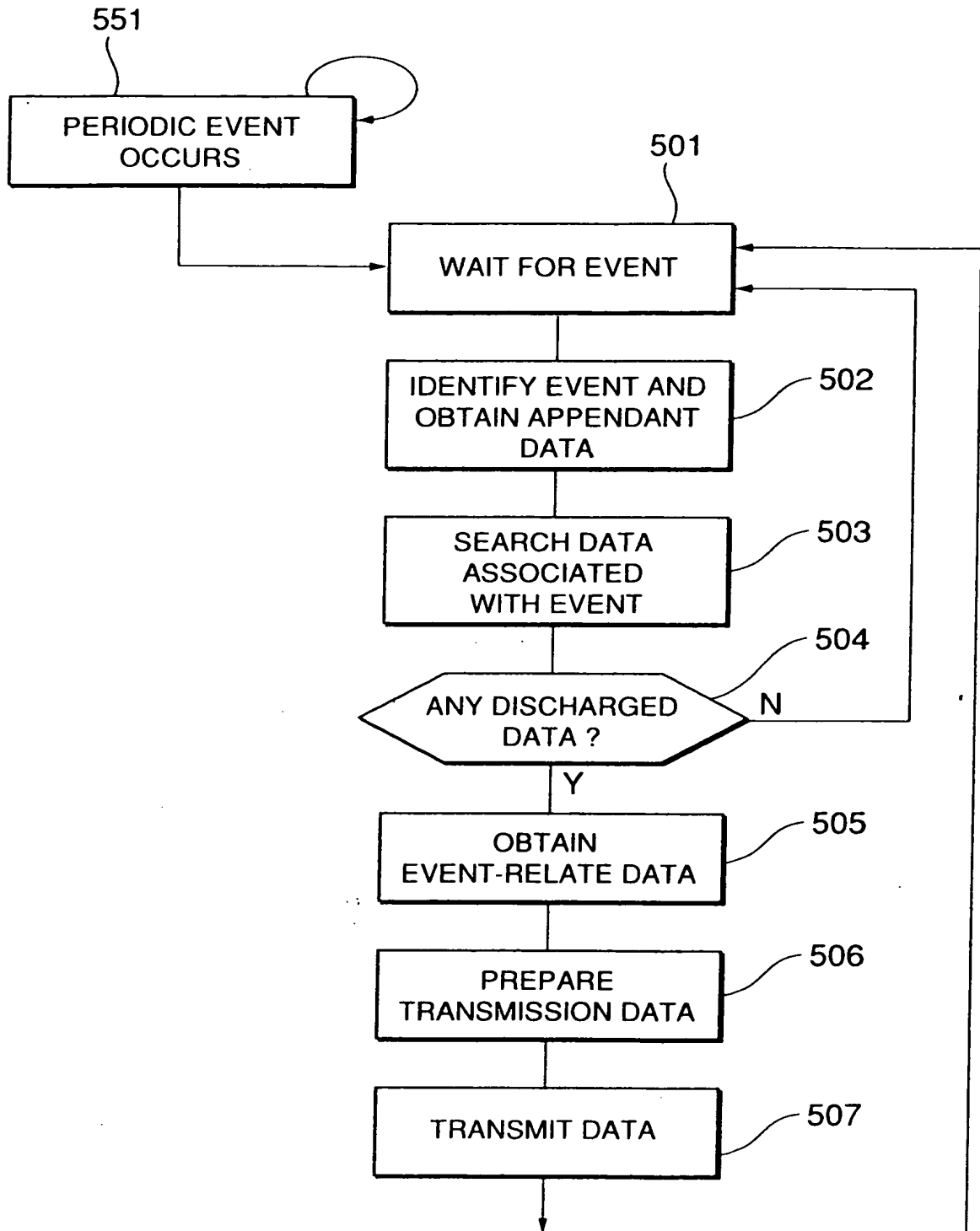


FIG.7



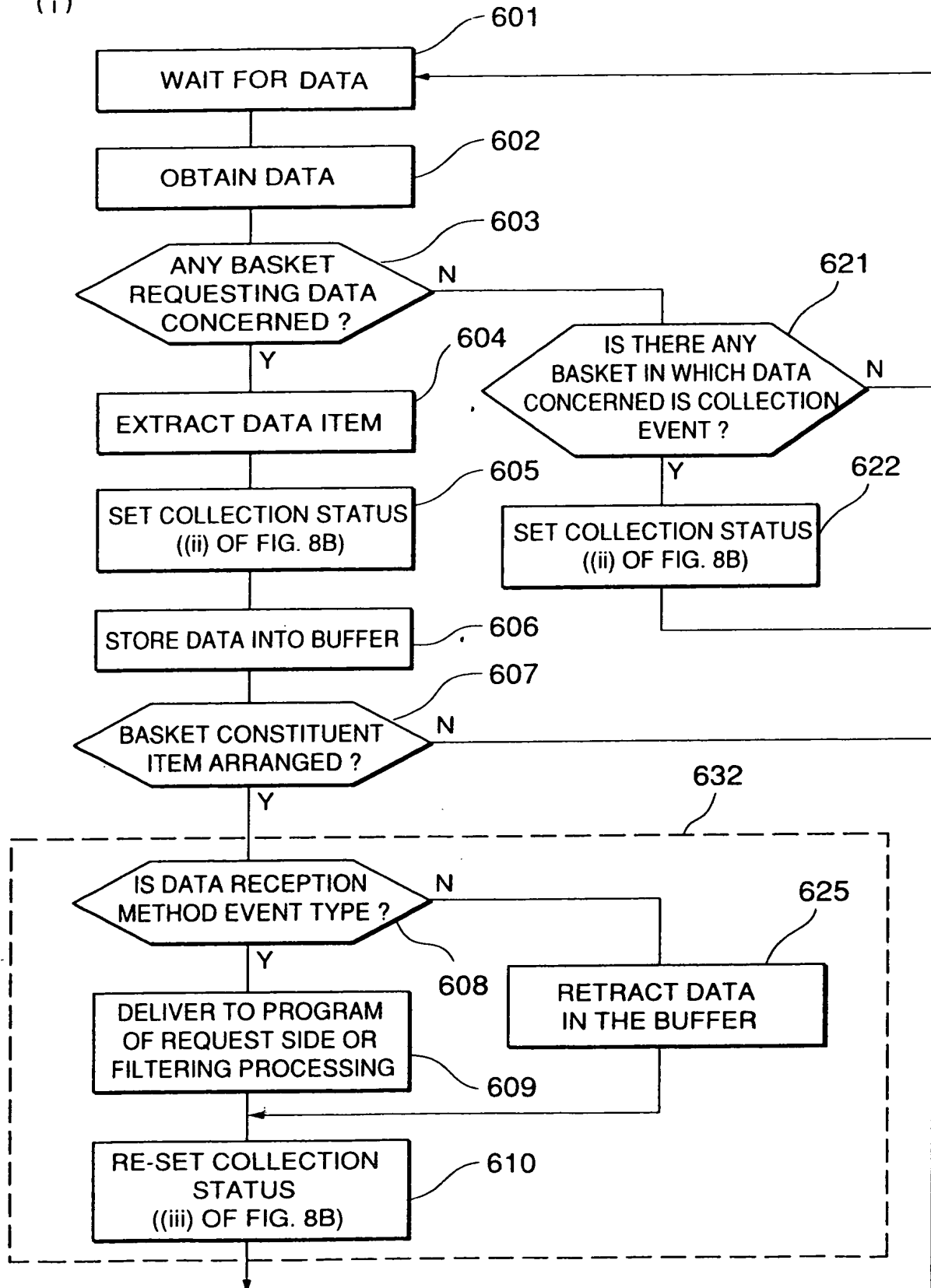




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FIG.8A

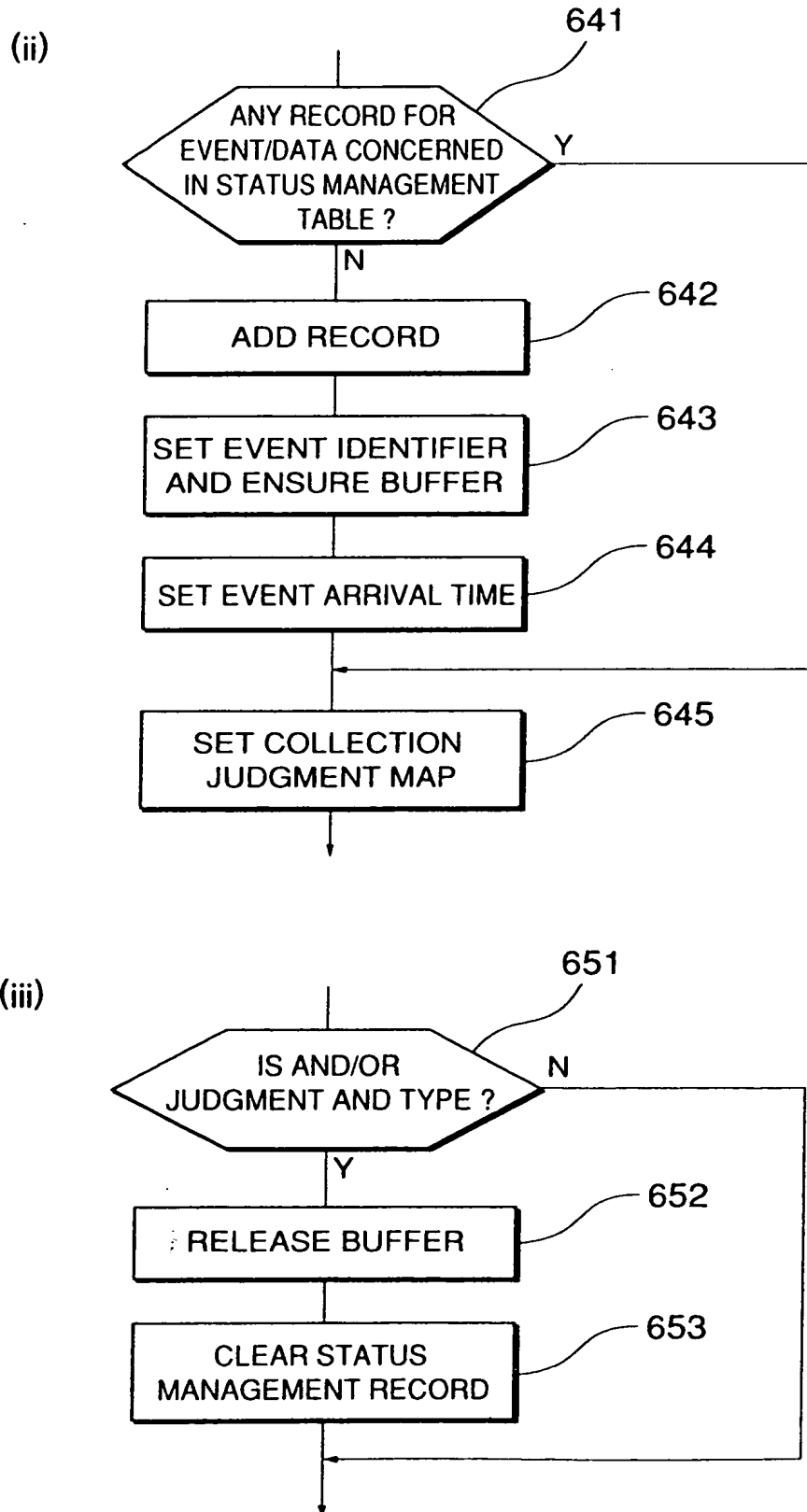
(i)





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FIG.8B

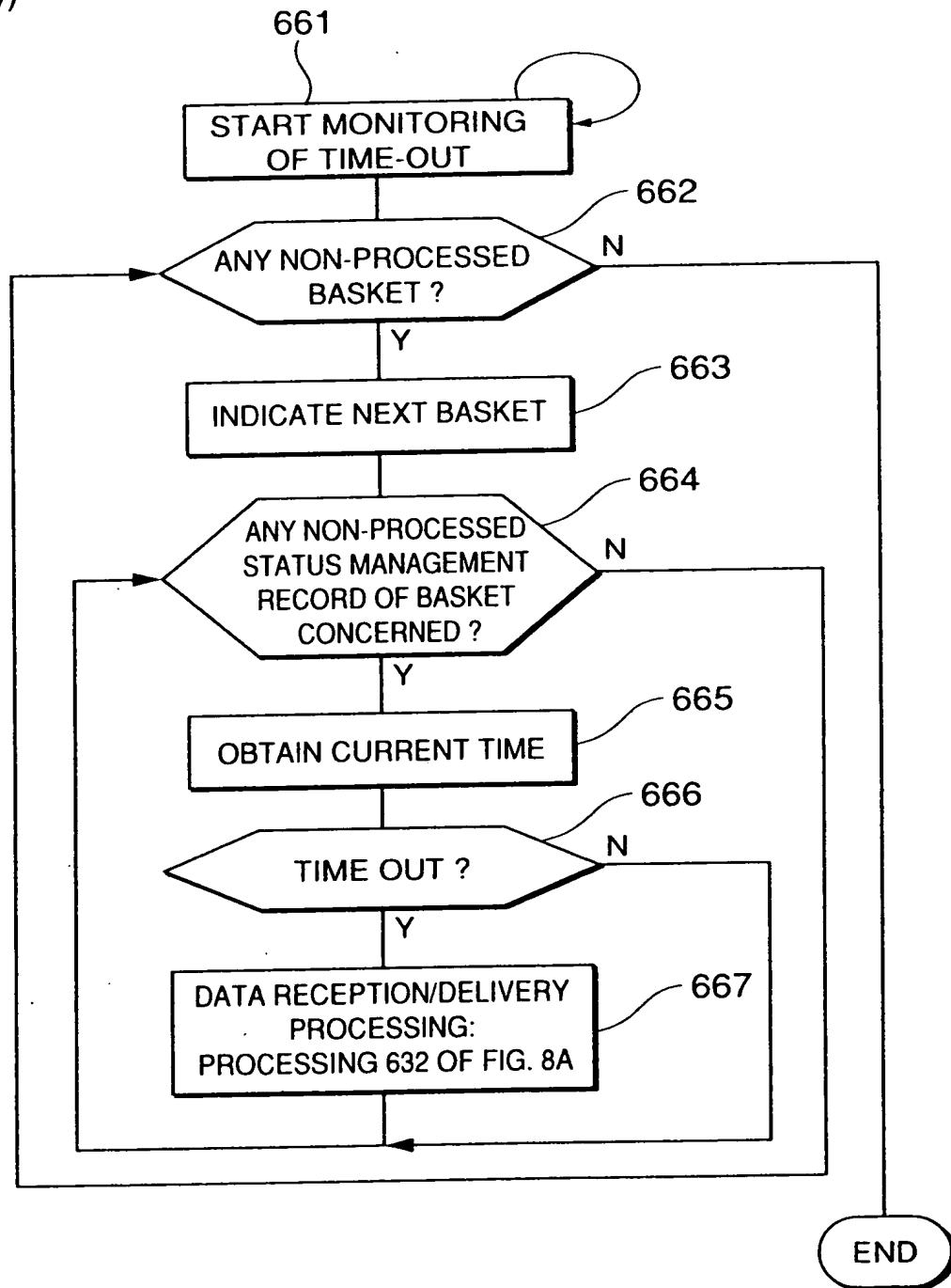




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FIG.8C

(iv)





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FIG.9

234 STATUS CONTROL TABLE

1611		1612	1613	1614	1615	1616
EVENT TYPE	CONDITION	START/END	CONDITION FREQUENCY	EVENT COUNTER	CONTROL TARGET	CONTROL TARGET INDEX
...						

FIG.10

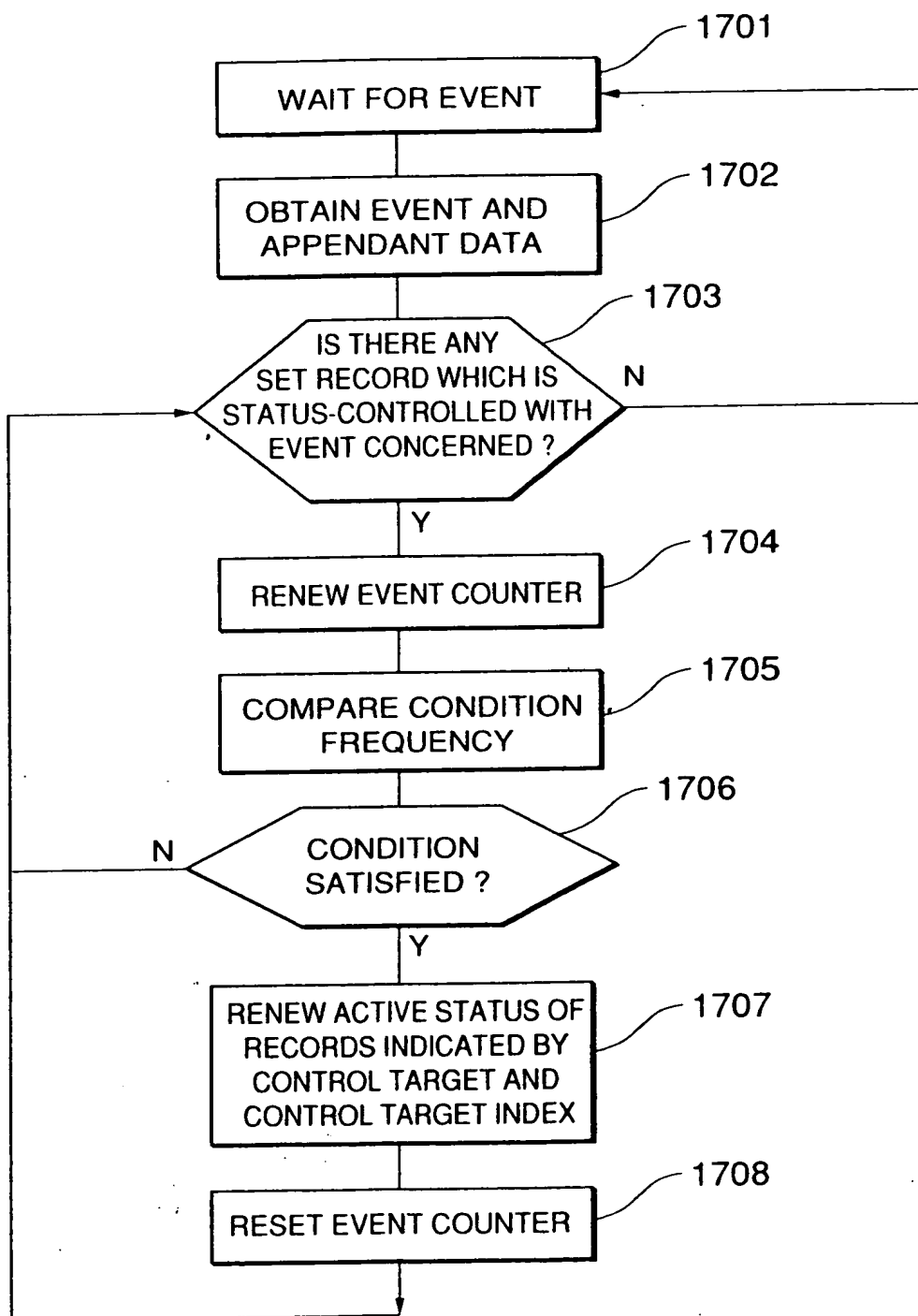
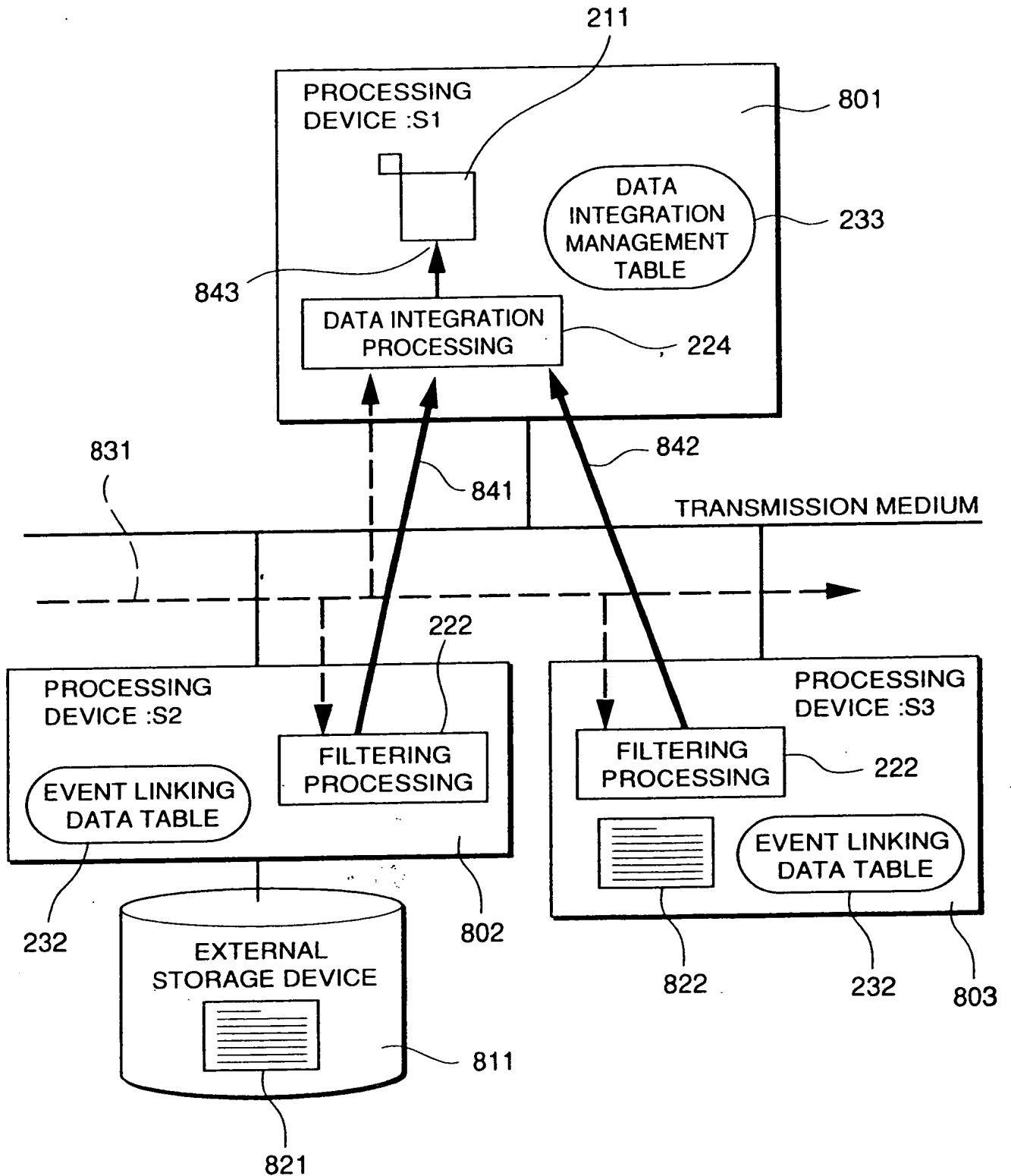


FIG.11





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## FIG.12A

(i)

712

PART ID	Lot No.	QUALITY REFERENCE VALUE	PRE-PROCESSING RESULT VALUE
---------	---------	----------------------------	-----------------------------

(ii)

821

PART ID	QUALITY REFERENCE VALUE	CONDITION VALUE 1	CONDITION VALUE 2	RENEWAL TIME
⋮				

(iii)

822

Lot No.	Lot TRACK RECORD	RENEWAL TIME
916		
917		
918		
⋮		
919		



233: DATA INTEGRATION MANAGEMENT TABLE  
301: BASKET SETTING TABLE

BASKET NAME	COLLECTION EVENT		COLLECTION ITEM TABLE INDEX	OUTPUT OPTION INDEX	STATUS MANAGEMENT TABLE INDEX	ACTIVE STATUS
	TYPE	CONDITION				
PRODUCTION INSTRUCTION	Msg: LINE ACCESS	PART ID > 1000	●	●	●	1
⋮						

921

FIG. 12B

(iv)

⋮ (v)

BASKET ITEM NAME	TYPE (STYLE)	REFERENCE SOURCE		CONDITION
		SOURCE NAME	DATA ITEM NAME	
PART ID	long	Msg: LINE ACCESS	PART ID	
Lot No.	long	Msg: LINE ACCESS	Lot No.	
PROCESSING CONDITION VALUE 1	short	S2: MANUFACTURING CONDITION	CONDITION VALUE 1	MANUFACTURING CONDITION, PART ID = LINE ACCESS, PART ID
PROCESSING CONDITION VALUE 2	char(6)	S2: MANUFACTURING CONDITION	CONDITION VALUE 2	"MANUFACTURING CONDITION, PART ID = LINE ACCESS, PART ID" & "MANUFACTURING CONDITION, QUALITY REFERENCE >= LINE ACCESS, EQUALITY REFERENCE VALUE"
PRODUCTION TRACK RECORD	long	S3: MANUFACTURING TRACK RECORD	Lot TRACK PART	MANUFACTURING TRACK RECORD Lot No. = LINE ACCESS Lot No.

941

942

943

944

945



FIG.12C

232:EVENT LINKING DATA TABLE

(vi)

COLLECTION EVENT		RESPONSE DESTINATION	DATA NAME	COLLECTION DATA ITEM	COLLECTION CONDITION	ACTIVE STATUS
TYPE	CONDITION					
Msg: LINE ACCESS	PART ID>1000	S1	MANUFACTURING CONDITION	CONDITION VALUE 1	MANUFACTURING CONDITION, PART ID=LINE ACCESS, PART ID	1
Msg: LINE ACCESS	PART ID>1000	S1	MANUFACTURING CONDITION	CONDITION VALUE 2	"MANUFACTURING CONDITION, PART ID=LINE ACCESS, PART ID" & "MANUFACTURING CONDITION, QUALITY REFERENCE >=LINE ACCESS, QUALITY REFERENCE VALUE"	1
:	:					

951

952

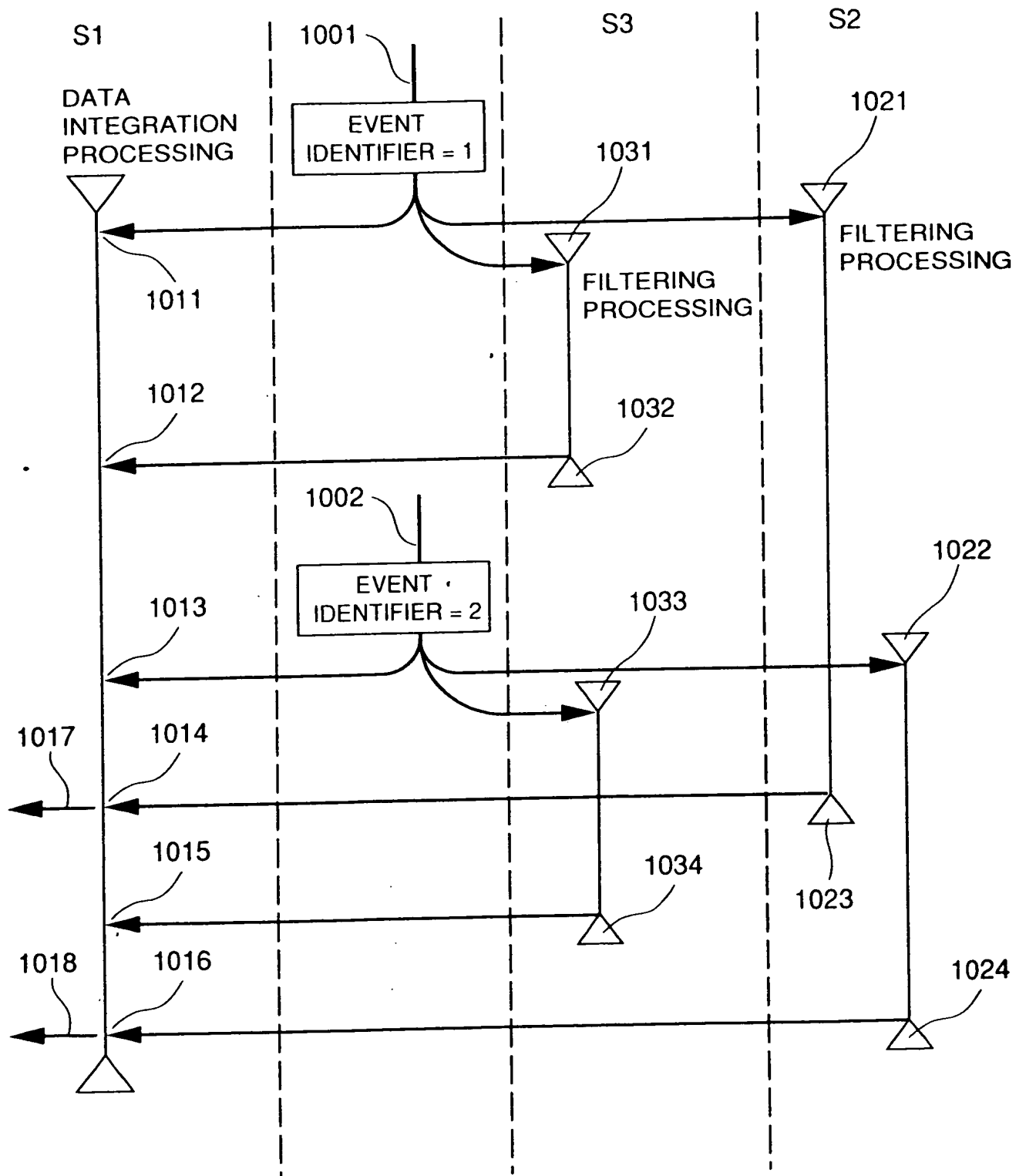
232:EVENT LINKING DATA TABLE

(vii)

COLLECTION EVENT		RESPONSE DESTINATION	DATA NAME	COLLECTION DATA ITEM	COLLECTION CONDITION	ACTIVE STATUS
TYPE	CONDITION					
Msg: LINE ACCESS	PART ID>1000	S1	MANUFACTURING TRACK RECORD	Lot TRACK RECORD VALUE	MANUFACTURING TRACK RECORD, Lot No. = LINE ACCESS, Lot No.	1
:	:					

961

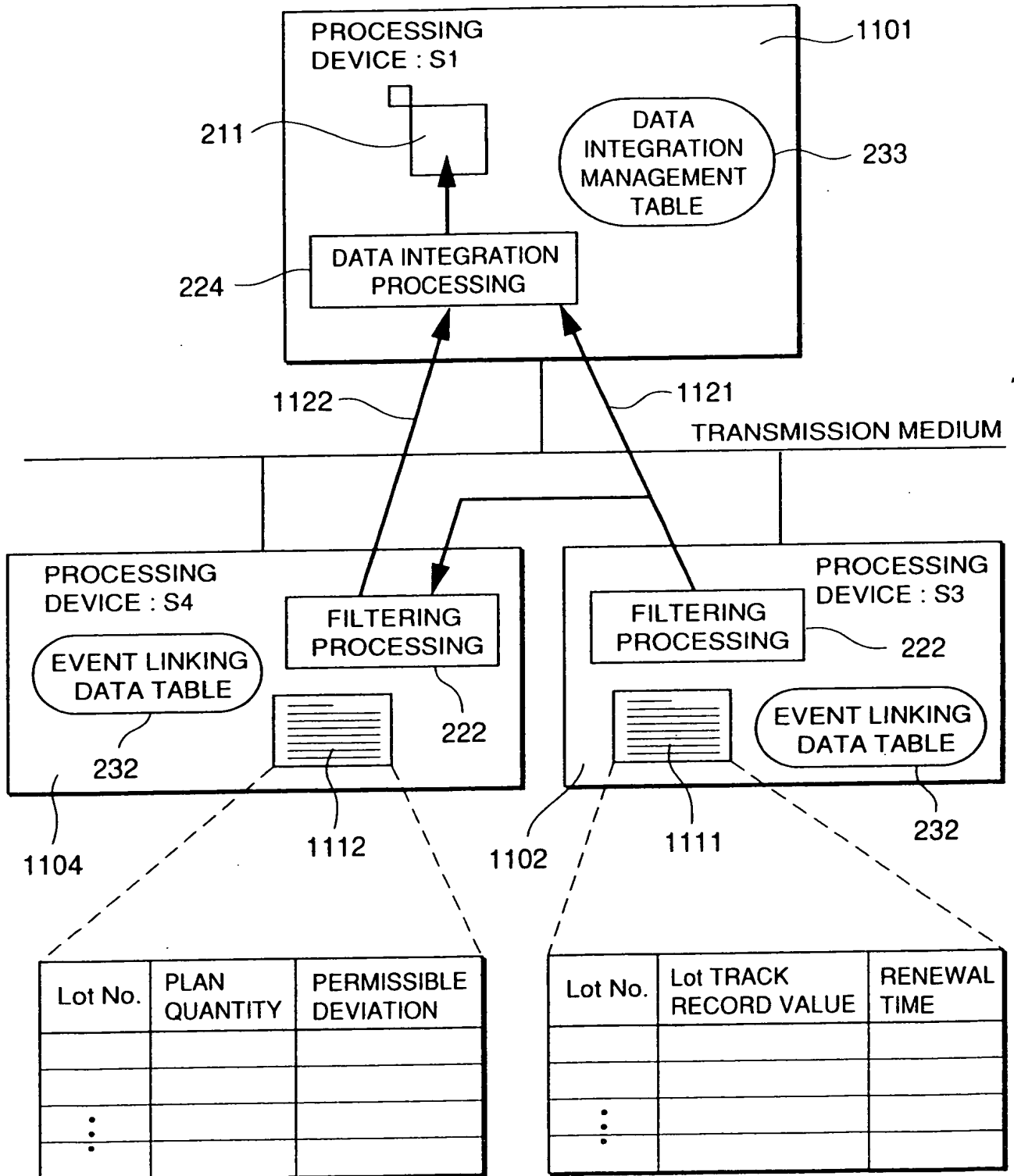
FIG.13





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FIG.14





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FIG.15A

233:DATA INTEGRATION MANAGEMENT TABLE

301:BASKET SETTING TABLE

BASKET NAME	COLLECTION EVENT		COLLECTION ITEM TABLE INDEX	OUTPUT OPTION INDEX	STATUS MANAGEMENT TABLE INDEX	ACTIVE STATUS
	TYPE	CONDITION				
1211 ADVANCE	Upd:S3:MANUFACTURING TRACK RECORD	Lot TRACK RECORD VALUE				1

BASKET ITEM NAME	TYPE (STYLE)	REFERENCE SOURCE		CONDITION
		SOURCE NAME	DATA ITEM NAME	
1231 Lot No.	long	S3: MANUFACTURING TRACK RECORD	Lot No.	
1232 PRODUCTION TRACK RECORD VALUE	long	S3:MANUFACTURING TRACK RECORD	Lot TRACK RECORD VALUE	
1233 PRODUCTION PLAN QUANTITY	long	S4: MANUFACTURING PLAN	PLAN QUANTITY	MANUFACTURING TRACK RECORD. Lot No.= MANUFACTURING PLAN Lot. No.

FIG.15B

1241 232:EVENT LINKING DATA TABLE

COLLECTION EVENT		RESPONSE DESTINATION	DATA NAME	COLLECTION DATA ITEM	COLLECTION CONDITION	ACTIVE STATUS
TYPE	CONDITION					
Upd:MANUFACTURING TRACK RECORD	Lot TRACK RECORD VALUE	S1,S4	MANUFACTURING TRACK RECORD	Lot No		1
Upd:MANUFACTURING TRACK RECORD	Lot TRACK RECORD VALUE	S1,S4	MANUFACTURING TRACK RECORD	Lot TRACK RECORD		

1242

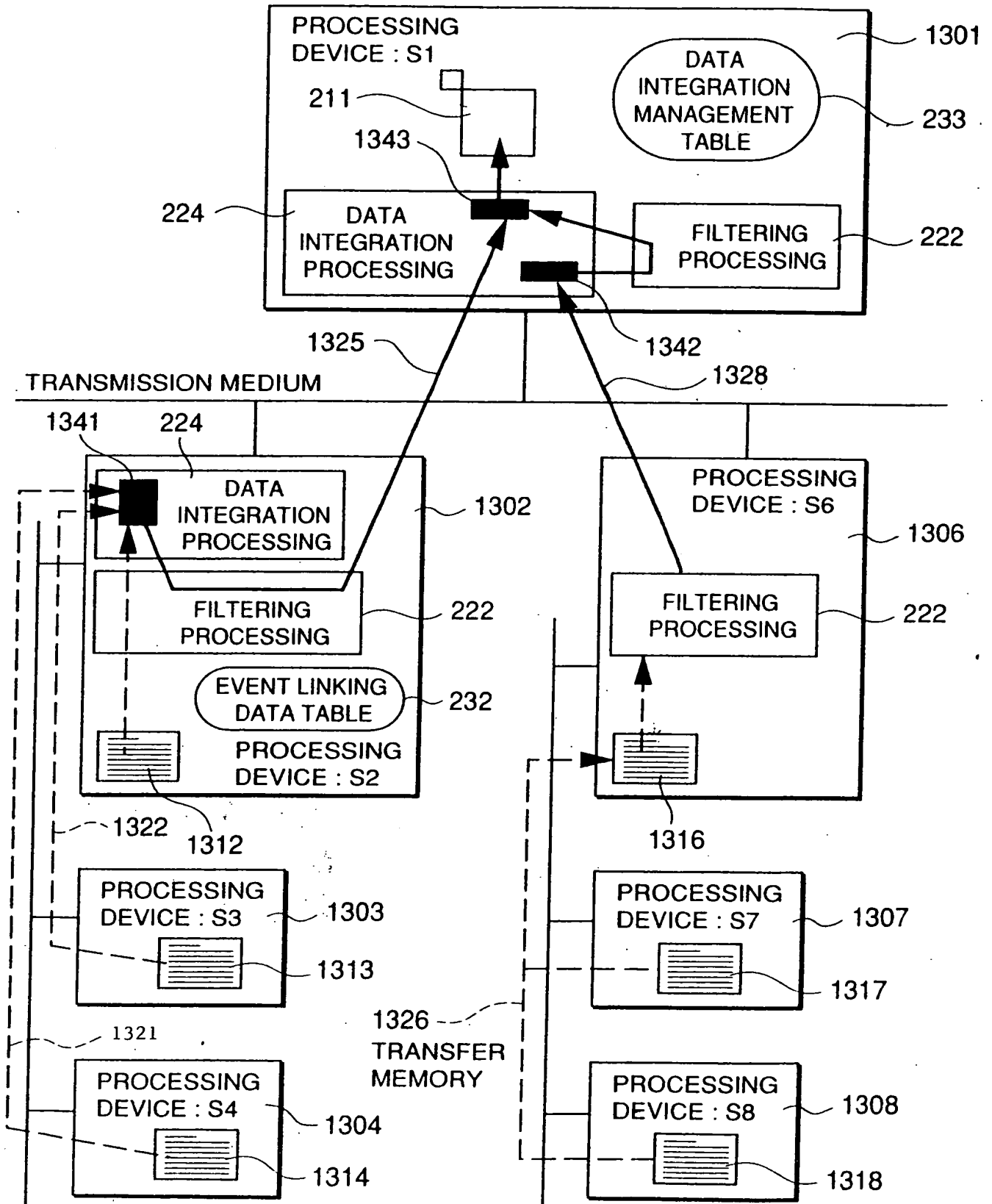
FIG.15C

232:EVENT LINKING DATA TABLE

COLLECTION EVENT		RESPONSE DESTINATION	DATA NAME	COLLECTION DATA ITEM	COLLECTION CONDITION	ACTIVE STATUS
TYPE	CONDITION					
Upd:S3:MANUFACTURING TRACK RECORD	Lot TRACK RECORD VALUE	S1	MANUFACTURING PLAN	PLAN QUANTITY	MANUFACTURING TRACK RECORD. Lot No.= MANUFACTURING PLAN. Lot No.	1

1251

FIG.16





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FIG.17A

233:DATA INTEGRATION MANAGEMENT TABLE

301:BASKET SETTING TABLE

BASKET NAME	COLLECTION EVENT		COLLECTION ITEM TABLE INDEX	OUTPUT OPTION INDEX	STATUS MANAGEMENT TABLE INDEX	ACTIVE STATUS
	TYPE	CONDITION				
1411 STATUS MONITOR			●			1
1412 Net3 STATUS	Upd:S6: STATUS TABLE		●			1
⋮						

BASKET ITEM NAME	TYPE (STYLE)	REFERENCE SOURCE		CONDITION
		SOURCE NAME	DATA ITEM NAME	
1421 N2 STATUS STRUCTURE N2		S2: STATUS BASKET	*	
1422 N3 STATUS STRUCTURE N3		Net3 STATUS	*	

BASKET ITEM NAME	TYPE (STYLE)	REFERENCE SOURCE		CONDITION
		SOURCE NAME	DATA ITEM NAME	
N3 STATUS STRUCTURE N3		S6: STATUS TABLE	*	

1431

FIG.17B

232:EVENT LINKING DATA TABLE

COLLECTION EVENT	RESPONSE DESTINATION	DATA NAME	COLLECTION DATA ITEM	COLLECTION CONDITION	ACTIVE STATUS
TYPE	CONDITION				
1441 Upd: STATUS BASKET	S1	STATUS BASKET*			1
⋮					

FIG.18

